| Ref<br># | Hits | Search Query                         | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--------------------------------------|---|---------------------|---------|------------------|
| L2       | 2    | "19705354"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L3       | 2058 | different with modulation with level | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L4       | 86   | different near modulation near level | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L5       | 62   | different adj modulation adj level   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L6       | 8    | "3056774"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L7       | 23   | "205855"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L8       | 0    | pct/GB02/05855                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |
| L9       | 0    | "pct/GB02/05855"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/09/15 10:10 |

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| L10 | 19   | "05855"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L11 | 71   | "802.11" and multilevel                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L12 | 11   | different with modulation with level with demodulate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L13 | 23   | different with modulation with level and "802.11"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L14 | 3216 | "802.11a"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L15 | 0    | "802.11a" and modulation near leel                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:10 |
| L16 | 43   | "802.11a" and modulation near level                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L17 | 2    | "19705354"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L18 | 39 | layered adj modulation                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
|-----|----|--|---|----|----|------------------|
| L19 | 4  | "4039961".pn.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L20 | 2  | "10068039"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L21 | 0  | "10/068039"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L22 | 0  | "10/0680 <b>47</b> "                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L23 | 4  | "802.11a" with acknowledgement                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L24 | 15 | "802.11a" with (acknowledgement or ack or ARQ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L25 | 41 | "802.11a" same (acknowledgement or ack or ARQ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L26 | 1800 | wireless adj lan with "802.11"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
|-----|------|---|---|----|----|------------------|
| L27 | 0    | wireless adj lan with "802.11" and (different near modulation near level) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L28 | 3    | different near modulation near level with demodulation                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L29 | 86   | different near modulation near level                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L30 | 19   | adsl WITH qam WITH<br>CONSTELLATIONS                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L31 | 11   | adsl WITH qam WITH bit with load\$3                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L32 | 2    | dsl WITH qam WITH bit with load\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L33 | 0    | dsl WITH qam WITH bit with load\$3 with algorithm                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L34 | 4     | adsl same qam same bit with load\$3 with algorithm | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON<br>, | 2005/09/15 10:11 |
|-----|-------|--|---|----|---------|------------------|
| L35 | 0     | adsl same qam same bit with load\$3 with bin       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON      | 2005/09/15 10:11 |
| L36 | 125   | adsl same bit with load\$3                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON      | 2005/09/15 10:11 |
| L37 | 35    | adsl same bit with load\$3 same constellation      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON      | 2005/09/15 10:11 |
| L38 | 16    | adsl same bit with load\$3 same bin                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON      | 2005/09/15 10:11 |
| L39 | 29    | adsl same constellations                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF     | 2005/09/15 10:11 |
| L40 | 29    | adsl same even with bits                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF     | 2005/09/15 10:11 |
| L41 | 15595 | tone with order\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF     | 2005/09/15 10:11 |

| L42 | 38 | tone with order\$3 with adsl             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:11 |
|-----|----|--|---|----|-----|------------------|
| L43 | 17 | tone with order\$3 with adsl and qam     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:11 |
| L44 | 11 | adsl same even with bits and qam         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:11 |
| L45 | 0  | adsl same even with bits and qam and arq | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:11 |
| L46 | 0  | tone with order\$3 with adsl and arq     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/15 10:11 |
| L47 | 0  | adsl same bit with load\$3 and arq       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/15 10:11 |
| L48 | 74 | adsl and arq                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/15 10:11 |
| L49 | 40 | adsl and arq and qam                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/15 10:11 |

|     |      |                                      | ·   |    |    |                  |
|-----|------|--------------------------------------|---|----|----|------------------|
| L50 | 29   | adsl and arq and qam and tone        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L51 | 3020 | 375/316                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L52 | 2058 | different with modulation with level | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L53 | 39   | L51 and L52                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L54 | 249  | 375/320                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L55 | 6    | L52 and L54                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L56 | 429  | 375/322                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L57 | 8    | L52 and L56                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L58 | 909  | 375/329                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
|-----|------|--------------------------------------|---|----|----|------------------|
| L59 | 17   | L52 and L58                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L60 | 881  | 375/298                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L61 | 32   | L52 and L60                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L62 | 1599 | 375/261                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L63 | 67   | L52 and L62                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L64 | 86   | different near modulation near level | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L65 | 6    | L64 and L62                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L66 | 336  | 375/264     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
|-----|------|-------------|---|----|----|------------------|
| L67 | 11   | L52 and L66 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L68 | 647  | 375/286     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L69 | 0    | L64 and L68 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L70 | 21   | L52 and L68 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L71 | 1274 | 329/304     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L72 | 26   | L52 and L71 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
| L73 | 2    | L64 and L71 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |

| L74 | 26 | L52 and L71   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |
|-----|----|---------------|---|----|----|------------------|
| L75 | 2  | "6891881".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 10:11 |